

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Shinichiro ISOBE : Attorney Docket No. 2006\_1029A  
Serial No. 10/584,313 :  
Filed June 23, 2006 :  
SINGLE-LAYER ORGANIC EL DEVICE \_\_\_\_\_

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicant requests consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

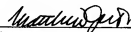
- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation contained in the specification of the present application at pages 2 and 3,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:  
JP 2001-509832 corresponds to US 6,103,446, US 6,146,809 and US 2001/0016269;  
JP 11-144526 corresponds to US 2001/0004107A1;  
JP 2003-342325 corresponds to US 2003/0091862A1; and  
JP10-101738 corresponds to US 6,114,463.
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Shinichiro ISOBE

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August 11, 2006

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: August 11, 2006

ATTY DOCKET NO.  
2006\_1029ASERIAL NO.  
10/584,313APPLICANT  
Shinichiro ISOBEFILING DATE  
June 23, 2006

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,103,446	08/00	Devlin et al.			
	AΘ	6,146,809	08/00	Devlin et al.			
	A●	2001/0016269 A1	08/00	Otani et al.			
	AO	2001/0004107 A1	08/00	Hanna et al.			
	A●	2003/0091862 A1	08/00	Tokito et al.			
	AF	6,114,463	09/00	Chen et al.			
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	2001-509832	07/01	JP			
	AK	2003-217856	08/00	JP			Abstract
	AL	2002-356489	12/02	JP			Abstract
	AM	11-144526	05/99	JP			Abstract
	AN	2004-224774	08/00	JP			Abstract
	AO	2003-342325	12/03	JP			Abstract
	AP	10-101738	08/98	JP			Abstract
	AO	02-210790	08/90	JP			Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	C. W. Tang, S.A. Vanslyke, Appl. Phys. Lett., 51, (12), 21 September 1987, 913-915.
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EXAMINER

/Jack Yang/

DATE CONSIDERED

05/19/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JLY/